

NONPROVISIONAL APPLICATION FOR LETTERS PATENT
UNITED STATES OF AMERICA

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Be it known that I, **FRED LEWTER**, residing at **475 Barrington Grange Drive, Sharpsburg, Georgia 30277**, a
10 citizen of the United States, have invented certain new and useful improvements in a

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GOLF BAG

of which the following is a specification.

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GOLF BAG

TECHNICAL FIELD

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The present invention relates generally to golfing equipment, and more specifically to a golf bag that, among other features, advantageously provides frontal access to a plurality of tiered racks adapted to receive and removably 10 retain a plurality of golf clubs therein, thereby preventing the jostling and contact amongst same, and the resulting damage thereto, during transport of the golf bag.

BACKGROUND OF THE INVENTION

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Conventional golf bags have historically provided golfers with a suitable apparatus for storing and transporting golf clubs both during play and thereafter. However, because the club heads are often exposed and/or 20 protrude from the top of most such golf clubs, such bags are inherently deficient in their ability to protect the golf club from structural damage via forceful impact and/or collision of the clubs with one another, or with external surfaces during transport of the clubs and golf bag in a

golf cart, within the trunk of vehicle, or the cargo/luggage storage bay of an aircraft. Such forceful impact to the golf clubs may impart significant axial damage to club shaft, and structural damage to the golf 5 head. Moreover, because many such golf bags employ tubular slots or housings for each club, clubs placed therein are subject to jostling and movement therein during transport of the bag, thereby causing facial or surface damage to the club shaft (especially easily scratched graphite shafts), 10 or result in the club sliding out therefrom during transport of the bag in a vehicle or the like, and thus, subsequent damage thereto.

Although both soft and hard case protective golf bag 15 covers that fully enclosed the golf bag are available, such covers do not preclude potentially destructive movement or jostling of the clubs carried within the tubular housings of the golf bag, or the harmful striking of the club heads against one another. As such, the clubs may still slidably 20 move within the tubular housings, thereby resulting in surface damage to the shaft. Moreover, should a soft cover be selected, axial damage to the club shafts is still a possibility.

In an effort to reduce harmful striking, impact and/or contact of the club heads with one another, and to protect the club heads from unexpected harsh elements of weather, many golfers utilize padded club head covers that 5 individually engage and cover each golf club head. Although effective in deterring harmful scathing or contact between the club heads, such head covers still do not preclude the potential of axial damage to the club shaft via external impacting forces.

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Still another deficiency associated with conventional golf bags is the poor presentation, removability and accessibility of the clubs, thereby often contributing or lending to structural and facial damage to the golf club 15 shafts. Specifically, because most golf bags utilize long, tubular slots to house each club, and because most such slots are arranged within a generally circular configuration due to the generally cylindrical structure or shape of the golf bag, golfers must remove a club from the 20 bag by drawing the shaft up through the tubular slot. However, due to the average length of such clubs, and the typical reach or upward arm's length stretch of the average adult golfer, removal of the club in such a manner often

results in the club being drawn or pulled from the tubular slot at an angle (i.e., as opposed to directly upward), and therefore, imparts an undesirable yield stress on the shaft as the shaft is pulled up through and against the tubular 5 housing. Such removal also causes facial or surface damage to the club shaft. Replacement of the golf club within such tubular slots is conducted in a similar manner, angle and motion, wherein most such golfers typically release the club when recessed within tubular slot sufficient distance, 10 letting it forcefully drop therewithin, or, alternatively, forcefully thrust the club back into the tubular housing, thereby further subjecting the club shaft to undesirable yield stress and axial force.

15 Therefore, it is readily apparent that there is a need for an improved golf bag that replaces conventional apparatuses and methods of golf club storage, transportation, and retrieval by advantageously eliminating conventional use of tubular housings or slots to retain and 20 store clubs during transport, thereby preventing the harmful jostling and contact amongst same, and wherein a plurality of tiered racks adapted to receive and maintain stationary placement of a plurality of golf clubs therein

provide convenient frontal accessibility to the golf clubs, yet protect the golf club heads from harmful scathing or contact between one another. There is still a further need for an improved golf bag that protects the golf shaft from 5 undesirable yield stress during removal of the club from the bag, from external forces that may impart undesirable axial stress on the golf shaft, and from the harsh elements of weather or other external forces that damage otherwise exposed golf club heads. There is yet still a further need 10 for an integrated or combined golf club storage and transportation device.

BRIEF SUMMARY OF THE INVENTION

15 Briefly described, in a preferred embodiment, the present invention overcomes the above-mentioned disadvantages and meets the recognized need for such a device by providing an improved golf bag that upon frontal opening promotes the pivoted gravitational falling and 20 forward, limited angular displacement of a plurality of tiered racks adapted to receive and maintain stationary placement of a plurality of golf clubs therein, thereby providing convenient and organized frontal presentation and

accessibility to a variety of golf clubs, and wherein the golf bag is adapted to be seated and secured to the rear of a golf cart without external harnesses or straps, thus permitting the bag to extend beyond the rear of golf cart 5 and provide free frontal access to the contents thereof.

According to its major aspects and broadly stated, the present invention in its preferred form is a golf bag having a housing comprising a plurality of tiered racks and 10 golf accessory compartments, an externally located adjustable bracket, a golf cart seating notch disposed on the bottom of the housing, a wheeled base, and handle.

More specifically, the present invention is a golf bag 15 having a housing comprising a tri-tiered rack system, wherein a first rearwardly disposed rack, preferably integrally formed with the housing, is adapted to receive and cover a plurality of "wood" golf clubs, and wherein a second and third rack, each preferably pivotally connected 20 to the housing base, are adapted to receive "iron" clubs and "wedge" clubs, respectively. Preferably, the first and second rack comprise a base tray having a plurality of open-faced grooves, recesses or slots, wherein the open-

face of each groove or slot is preferably covered via resilient fabric, or the like, for effectuating an outer retaining wall thereover. Each slot of the first and second rack trays is preferably dimensioned to retain the 5 upper-most portion of the handle of a club, wherein forward dislodgement of the club handle from a respective slot is precluded via the outer fabric retaining wall affixed thereover. The third rack also preferably possesses a base tray functionally, and substantially structurally, 10 equivalent to the base trays of the first and second rack; however, the slots or recesses formed in the base tray of the third rack are preferably fully closed (i.e., cylindrical-shaped recesses or slots) and thus, do not require an overlying fabric retaining wall to preclude 15 forward dislodgement of club handles therefrom. It is, however, contemplated that the base tray of the third rack could alternatively comprise open-faced slots covered via a fabric retaining wall.

20. Preferably, a portion of each club shaft just aft of each club head is securely and removably engaged within a retaining clasp of a plurality of retaining clasps disposed on the upper region of each rack (i.e., a DELRON retaining

clasp system), wherein each clasp of a particular rack is aligned with a corresponding slot formed in the tray of the rack. Additionally, to facilitate recession of each golf club within a particular clasp-and-slot arrangement, a 5 groove extends from each clasp to an aligned slot of the tray, wherein each groove comprises a different, brightly-colored strip of adhesive tape, paint, or the like, to facilitate proper visual alignment of each clasp with a corresponding slot, and thus the proper placement of a club 10 therein. In such a configuration, each golf club placed within the racks of the bag is presented in an organized, spaced-apart, inverted arrangement for ease of removal and replacement of same. Each rack is further preferably lined 15 with a rubber-sponge material, or other padded material, so as to protect the clubs retained therein, wherein rubber-sponge tabs or padded walls extend from the racks to preferably separate each club head to prevent harmful or damaging contact amongst same.

20 Preferably the second rack is pivotally connected to the base of the bag via a double-hinge, wherein opening of the bag, in conjunction with the weight of the clubs carried by the second rack, results in the gravitational

falling and forwardly, limited angular displacement of the second rack. The gravitational falling and angular displacement of the second rack is preferably limited via pivot hinges, or the like, extending from the second rack 5 to the sides of the housing, wherein the pivot hinges preferably limit the angular displacement of the second rack to an approximately 75 degree angle relative to the base of the golf bag.

10 Preferably, the third rack is also pivotally connected to the base of the bag via a bearing hinge, or the like, and thus also gravitationally falls forward upon opening of the bag, preferably into an approximately 60 degree angle relative to the base of the golf bag. The forward angular 15 displacement of the third rack is preferably limited via pivot hinges, or the like, extending from the third rack to the sides of the housing. The forward angular displacement of the third rack is further preferably limited upon contact of the bottom edge of the rack with the base of the 20 bag, and via a relatively large storage compartment removably affixed on the forward face thereof. Additionally, it is contemplated that the gravitational falling and pivoting of the second rack may assist in

pushing against the third rack, and thus, promote the gravitational falling or pivoting of same into a forwardly angled position.

5 An adjustable "hook-shaped" bracket is preferably disposed on the rear side of the housing for facilitating engagement of the bag to horizontal bars formed on the rear chassis of conventional golf carts, wherein the bracket is preferably adjustable from heights of approximately 31
10 inches to approximately 36 inches from the base of the bag so as to accommodate all current makes and models of golf carts. Additionally, to facilitate the secured engagement of the bag to the rear of the golf cart, a groove or notch is preferably formed on the underside of the base of the
15 bag, wherein the notch is preferably dimensioned to engage an outer-most ridge or wall of a conventional golf bag storage area formed on most golf carts. Such a configuration preferably permits the bag to extend beyond the rear of the golf cart and provide free frontal access
20 to the contents thereof.

The housing of golf bag further preferably possesses rear mounted wheels that sit preferably approximately 1

inch from the ground when the base of the golf bag seated substantially flush with the ground, wherein the wheels become operative preferably upon tilting the bag beyond an approximately 65 degree angle, relative to the ground, via 5 a handle integrally formed at the upper-most rear side of the bag housing.

Furthermore, soft-cover closure flaps of the bag provide central access to the bag via a zipper mechanism, 10 wherein unzipping the closure flaps from top to bottom of the bag results in gravitational falling and pivotal displacement of the racks as described above. The inner surface of each closure flap preferably comprises a plurality of pockets and compartments, each accessible upon 15 "peeling" and fastening back each closure flap via hook-and-loop fasteners, or the like, so as to expose the inner surfaces thereof. It is contemplated in an alternate embodiment that the closure flaps could be in the form of hard-cover closure flaps. It is further contemplated that 20 the closure flaps could comprise a plurality of tensioned ribs so as to facilitate the tensioned closing and opening of same, wherein such an embodiment could further incorporate pivot hinges, or other connecting arms or

devices, attached to the second rack to facilitate the outward pushing and gravitational falling of same upon tensioned opening of each closure flap. It is contemplated in still another alternate embodiment that the housing 5 could utilize a single closure flap having a side-disposed zipper mechanism or the like. In yet another alternate embodiment, it is contemplated that the rear of the housing could incorporate an extendable rain cover adapted to shield the bag in either an opened or closed state.

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An alternate embodiment of the present invention contemplates replacing the pivotally-affixed third rack, and the removable storage compartment thereof, with a detachable third rack securely and removably supported by a 15 pivotally-affixed support plate adapted to removably secure a storage compartment thereto. The detachable third rack comprises a stake for securing the rack into the earthen ground, thereby maintaining the rack, and the golf clubs carried thereby, in an upright position and off of wet or 20 dew-covered grass, sand, or the like. The stake of the rack is received by a pocket integrally formed with the rear of the support plate, wherein the forward face of the support plate is adapted to removably secure a storage

compartment thereto via hook-and-loop fasteners, or the like. A handle disposed on the rack assists in removing same from the support rack.

5 Accordingly, a feature and advantage of the present invention is its ability to provide an improved golf bag that upon frontal opening promotes the pivoted gravitational falling and forward, limited angular displacement of a plurality of tiered racks adapted to
10 receive and maintain stationary placement of a plurality of golf clubs therein, thereby providing convenient and organized frontal presentation and accessibility to a variety of golf clubs.

15 Another feature and advantage of the present invention is its ability to provide an improved golf bag that replaces conventional apparatuses and methods of golf club storage, transportation, and retrieval typically responsible for harmful jostling and contact amongst golf
20 clubs retained therein.

Still another feature and advantage of the present invention is its ability to protect golf club heads from harmful scratching or contact amongst one another.

5 Yet another feature and advantage of the present invention is its ability to provide an improved golf bag that protects the golf shaft from undesirable yield stress during removal of the club from the bag, from external forces that may impart undesirable axial stress on the golf
10 shaft, and from the harsh elements of weather or other external forces that damage otherwise exposed golf club heads.

20 Yet still another feature and advantage of the present invention is its ability to provide an externally located adjustable bracket, and a golf cart seating notch disposed on the bottom of the golf bag, to facilitate secured engagement and support of the golf bag to the rear of a golf cart without the need of external straps or harnesses.

25 A further feature and advantage of the present invention is its ability to provide a golf bag capable of fully enclosing and protecting all contents placed therein.

These and other features and advantages of the present invention will become more apparent to one skilled in the art from the following description and claims when read in 5 light of the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be better understood by 10 reading the Detailed Description of the Preferred and Alternate Embodiments with reference to the accompanying drawing figures, in which like reference numerals denote similar structure and refer to like elements throughout, and in which:

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FIG. 1 is a perspective view of a golf bag according to a preferred embodiment of the present invention;

20 **FIG. 1A** is an exploded view of a golf bag according to a preferred embodiment of the present invention;

FIG. 1B is an exploded view of a golf bag according to a preferred embodiment of the present invention;

FIG. 1C is an exploded view of a golf bag according to a preferred embodiment of the present invention;

FIG. 2 is a side view of a golf bag according to a 5 preferred embodiment of the present invention;

FIG. 2A is a side view of a golf bag according to a preferred embodiment of the present invention;

10 **FIG. 2B** is a side view of a golf bag according to a preferred embodiment of the present invention;

FIG. 3 is a front view of a golf bag according to a preferred embodiment of the present invention;

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FIG. 3A is a front view of a golf bag according to a preferred embodiment of the present invention;

20 **FIG. 3B** is a front view of a golf bag according to a preferred embodiment of the present invention;

FIG. 4 is a perspective view of a golf bag according to an alternate embodiment of the present invention;

FIG. 5 is a perspective view of a golf bag according to an alternate embodiment of the present invention;

FIG. 6 is a front view of a golf bag according to an alternate embodiment of the present invention;

FIG. 7 is a front view of a golf bag according to an alternate embodiment of the present invention; and,

10 FIG. 8 is a rear perspective view of a golf bag according to an alternate embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED

15 AND ALTERNATIVE EMBODIMENTS

In describing the preferred and alternate embodiments of the present invention, as illustrated in FIGS. 1-8, specific terminology is employed for the sake of clarity.

20 The invention, however, is not intended to be limited to the specific terminology so selected, and it is to be understood that each specific element includes all

technical equivalents that operate in a similar manner to accomplish similar functions.

Referring now to FIGS. 1-3B, the present invention in 5 a preferred embodiment is a golf bag 10, generally comprising housing 20, first rack 60, second rack 110, third rack 190, storage compartment 250, adjustable bracket 260, golf cart seating notch 280, wheel assembly 290, handle 300, and front cover 320. More specifically, 10 housing 20 preferably includes upright member 22 integrally formed with, and disposed substantially perpendicular to, base member 24, wherein upright member 22 preferably comprises recessed inner wall 22a and exterior wall 22b, and wherein base member 24 preferably comprises top side 15 24a and bottom side 24b. Housing 20, first rack 60, second rack 110 and third rack 190, in general, are preferably formed from a durable, non-porous, plastic; although other suitable materials could be utilized, such as, for exemplary purposes only, aluminum, titanium, or other 20 light-weight metals, water-sealed and/or finished woods, combinations thereof, and/or the like.

Preferably integrally formed with recessed inner wall **22a** of upright member **22** is fixed or stationary first rack **60**, wherein club head recesses **62**, **64**, **66** and **68** are preferably formed in upper portion **60a** of first rack **60**, 5 and preferably dimensioned and adapted to receive and cover the club heads of "wood-type" golf clubs. As best illustrated in **FIG. 2**, overhang or extension **22d** preferably extends from, and is integrally formed with, upper wall **22c** of upright member **22**, wherein overhang **22d** preferably 10 functions to shelter the "wood-type" golf clubs retained within first rack **60**, as more fully described below.

Preferably disposed on lower portion **60b** of first rack **60** is base tray **70**, preferably comprising open-faced 15 grooves, recesses or slots **72**, **74**, **76** and **78**. The open-face of each groove or slot **72**, **74**, **76** and **78** is preferably covered via resilient fabric retaining walls **72a**, **74a**, **76a** and **78a**, respectively, for effectuating an outer retaining wall thereover, thereby preventing forward and/or lateral 20 dislodgement of golf club handles seated therewithin. Specifically, each slot **72**, **74**, **76** and **78** preferably comprises a depth dimensioned to retain the upper-most portion of the handle or shaft of a "wood-type" golf club

placed therein. It is intended within the primary embodiment that approximately the first **6** inches of the handle portion of a "wood-type" golf club be accommodated within a respective slot; however, it should be recognized
5 that other suitable depths could be utilized to effectuate or facilitate ease of removal and/or retention of a golf club handle placed therein.

Preferably disposed below club head recesses **62**, **64**,
10 **66** and **68** are retaining clasps **82**, **84**, **86** and **88**, respectively, preferably extending from, and secured to, retaining bar **80**, as best illustrated in **FIG. 1A**. Retaining clasps **82**, **84**, **86** and **88** are preferably aligned with slots **72**, **74**, **76** and **78**, respectively, of base tray
15 **70**, thereby facilitating substantially vertical retention of "wood-type" golf clubs therein. Specifically, preferably following placement of the handle of a golf club within a selected slot **72**, **74**, **76** or **78** of base tray **70**, the respective retaining clasp **82**, **84**, **86** or **88** securely
20 receives and removably engages a portion of the golf club shaft just aft of the golf club head.

Additionally, to facilitate recession of each "wood-type" golf club within a particular clasp-and-slot arrangement, grooves **90**, **92**, **94** and **96** formed in inner wall **22a** preferably extend from retaining clasps **82**, **84**, **86** and **88**, respectively, to aligned slots **72**, **74**, **76** and **78**, respectively, of base tray **70**. Furthermore, grooves **90**, **92**, **94** and **96** preferably comprise different, brightly-colored strips **90a**, **92a**, **94a** and **96a** of adhesive tape, paint, or the like, to facilitate proper visual alignment of each clasp **82**, **84**, **86** and **88** with a corresponding slot **72**, **74**, **76** and **78**, and thus the proper placement of a club therein.

First rack **60** is further preferably lined with a rubber-sponge material, or other padded material, so as to protect the "wood-type" golf clubs retained therein from harmful contact, scratching, scuffing, or the like. Additionally, rubber-sponge or padded dividers **98**, **100** and **102**, preferably extend from, and are integrally formed with, inner wall **22a**, thereby functioning to preclude contact amongst the club heads of each "wood-type" golf club stored within rack **60**. Specifically, divider **98** is preferably positioned between club head recesses **62** and **64**,

divider 100 is preferably positioned between club head recesses 64 and 66, and divider 102 is preferably positioned between club head recesses 66 and 68, thereby separating each club head from one another, and preventing 5 harmful or damaging contact amongst same.

With continued reference to FIGS. 1-3B, second rack 110 is preferably adapted to receive and removably retain "iron-type" golf clubs therein. More specifically, 10 preferably formed on front side 110a of second rack 110 and disposed on lower portion 110d thereof is base tray 112, preferably comprising open-faced grooves, recesses or slots 114, 116, 118, 120, 122, 124, 126 and 128. The open-face of each groove or slot 114, 116, 118, 120, 122, 124, 126 15 and 128 is preferably covered via resilient fabric retaining walls 114a, 116a, 118a, 120a, 122a, 124a, 126a and 128a, respectively, for effectuating an outer retaining wall thereover, thereby preventing forward and/or lateral dislodgement of golf club handles seated therewithin. 20 Specifically, each slot 114, 116, 118, 120, 122, 124, 126 and 128 preferably comprises a depth dimensioned to retain the upper-most portion of the handle or shaft of an "iron-type" golf club placed therein. It is intended within the

primary embodiment that approximately the first **6** inches of the handle portion of an "iron-type" golf club be accommodated within a respective slot; however, it should be recognized that other suitable depths could be utilized 5 to effectuate or facilitate ease of removal and/or retention of a golf club handle placed therein.

Preferably disposed on upper portion **110c** of front side **110a** of second rack **110** is retaining bar **150**, 10 preferably having retaining clasps **130, 132, 134, 136, 138, 140, 142** and **144** extending therefrom and secured thereto, as best illustrated in **FIG. 1B**. Retaining bar **150** is preferably affixed to front side **110a** at a suitable slant or incline to accommodate the generally increasing height 15 or length of each "iron-type" golf club retained thereby (i.e., a number **2** "iron-type" golf club through a number nine "iron-type" golf club). Retaining clasps **130, 132, 134, 136, 138, 140, 142** and **144** are preferably aligned with slots **114, 116, 118, 120, 122, 124, 126** and **128**, 20 respectively, of base tray **112**, thereby facilitating substantially vertical retention of "iron-type" golf clubs therein. Specifically, preferably following placement of the handle of a golf club within a selected slot **114, 116,**

118, 120, 122, 124, 126 or 128 of base tray 112, the
respective retaining clasp 130, 132, 134, 136, 138, 140,
142 or 144 securely receives and removably engages a
portion of the golf club shaft just aft of the golf club
5 head.

Additionally, to facilitate recession of each "iron-type" golf club within a particular clasp-and-slot arrangement, grooves 152, 154, 156, 158, 160, 162, 164 and
10 166 formed in front side 110a preferably extend from retaining clasps 130, 132, 134, 136, 138, 140, 142 and 144, respectively, to aligned slots 114, 116, 118, 120, 122, 124, 126 and 128, respectively, of base tray 112. Furthermore, grooves 152, 154, 156, 158, 160, 162, 164 and
15 166 preferably comprise different, brightly-colored strips 152a, 154a, 156a, 158a, 160a, 162a, 164a and 166a of adhesive tape, paint, or the like, to facilitate proper visual alignment of each clasp 130, 132, 134, 136, 138, 140, 142 and 144 with a corresponding slot 114, 116, 118, 120, 122, 124, 126 and 128, and thus the proper placement
20 of a club therein.

Second rack **110** is also preferably lined with a rubber-sponge material, or other padded material, so as to protect the "iron-type" golf clubs retained therein from harmful contact, scratching, scuffing, or the like.

5 Additionally, rubber-sponge or padded dividers **170**, **172**, **174**, **176**, **178**, **180** and **182**, preferably extend from, and are integrally formed with, front side **110a**, thereby functioning to preclude contact amongst the club heads of each "iron-type" golf club stored within rack **110**.

10 Specifically, divider **170** is preferably positioned between clasps **130** and **132**, divider **172** is preferably positioned between clasps **132** and **134**, divider **174** is preferably positioned between clasps **134** and **136**, divider **176** is preferably positioned between clasps **136** and **138**, divider

15 **178** is preferably positioned between clasps **138** and **140**, divider **180** is preferably positioned between clasps **140** and **142**, and divider **182** is preferably positioned between clasps **142** and **144**, thereby separating each club head from one another, and preventing harmful or damaging contact

20 amongst same.

Preferably, and as best illustrated in **FIG. 2**, second rack **110** is pivotally connected to top side **24a** of base

member **24** of housing **20** via double-hinge **184**. Specifically, first portion **184a** of double-hinge **184** is pivotally connected to top side **24a** of base member **24**, proximal to fixed base tray **70** of first rack **60**, wherein 5 second portion **184b** of double-hinge **184** is preferably pivotally connected to rear side **110b** of second rack **110**, proximate bottom edge **110e** thereof. Preferably, and as more fully described below, the opening of bag **10**, in conjunction with the weight of the "iron-type" golf clubs 10 carried by second rack **110**, results in the gravitational falling and forwardly, limited angular displacement of second rack **110**. The gravitational falling and angular displacement of second rack **110** is preferably limited via pivot hinges **186** and **188**, or the like, extending from side 15 edges **110f** and **110g**, respectively, of second rack **110** to front inner edges **22e** and **22f** of upright member **22** of housing **20**. Preferably, pivot hinges **186** and **188** limit the gravitational falling and angular displacement of second rack **110** to an approximately **75** degree angle relative to 20 base member **24** of golf bag **10**; however, other suitable limited angular displacements or angles could be utilized to manipulate the forwardly angled presentation of second

rack 110 and the "iron-type" golf clubs removably retained thereby.

Third rack 190 is preferably adapted to receive and 5 removably retain "wedge-type" golf clubs and a putter club therein. More specifically, preferably formed on front side 190a of third rack 190 and disposed on lower portion 190d thereof is base tray 192, preferably comprising fully-closed recesses or slots 194, 196, 198 and 200 formed 10 therein. Preferably disposed between slots 196 and 198, and extending upwardly from base tray 190, is elongated putter retaining tube 202, wherein putter retaining tube 202 functions to receive and house the shaft of a conventional putter club therein. Each slot 194, 196, 198 15 and 200 preferably comprises a depth dimensioned to retain the upper-most portion of the handle or shaft of a "wedge-type" golf club placed therein. Specifically, it is intended within the primary embodiment that approximately the first 6 inches of the handle portion of a "wedge-type" 20 golf club be accommodated within a respective slot; however, it should be recognized that other suitable depths could be utilized to effectuate or facilitate ease of removal and/or retention of a golf club handle placed

therein. It is contemplated in an alternate embodiment that base tray 192 of third rack 190 could comprise open-faced slots covered via a fabric retaining wall to retain the handle portions of "wedge-type" golf clubs and/or a 5 putter club therein (i.e., equivalent to base trays 70 and 112 of first rack 60 and second rack 110, respectively). It is further contemplated that putter tube 202 could be replaced with a fully-closed recess or slot formed in base tray 192 of third rack 190.

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Preferably disposed on upper portion 190c of front side 190a of third rack 190 is retaining bar 210, preferably having retaining clasps 212, 214, 216, 218 and 220 extending therefrom and secured thereto, as best 15 illustrated in FIG. 1C. Retaining clasps 212, 214, 216 and 218 are preferably aligned with slots 194, 196, 198, and 200, respectively, of base tray 192, wherein retaining clasp 220 is preferably aligned over putter retaining tube 202 of base tray 192, thereby facilitating substantially 20 vertical retention of "wedge-type" golf clubs and a putter club therein. Specifically, preferably following placement of the handle of a golf club within a selected slot 194, 196, 198 or 200 of base tray 192, the respective retaining

clasp **212, 214, 216** or **218** securely receives and removably engages a portion of the golf club shaft just aft of the golf club head. Similarly, preferably following placement of the shaft of a putter club within putter retaining tube **5 202** of base tray **192**, retaining clasp **220** securely receives and removably engages a portion of the putter club shaft just aft of the putter club head.

Additionally, to facilitate recession of each "wedge-type" golf club within a particular clasp-and-slot arrangement, grooves **222, 224, 226** and **228** formed in front side **190a** preferably extend from retaining clasps **212, 214, 216** and **218**, respectively, to aligned slots **194, 196, 198** and **200**, respectively, of base tray **192**. Furthermore, grooves **222, 224, 226** and **228** preferably comprise different, brightly-colored strips **222a, 224a, 226a** and **228a** of adhesive tape, paint, or the like, to facilitate proper visual alignment of each clasp **212, 214, 216** and **218** with a corresponding slot **194, 196, 198** and **200**, and thus **15** the proper placement of a club therein.

Third rack **190** is also preferably lined with a rubber-sponge material, or other padded material, so as to protect

the "wedge-type" golf clubs and putter club retained therein from harmful contact, scratching, scuffing, or the like. Additionally, rubber-sponge or padded dividers **232**, **234**, **236** and **238**, preferably extend from, and are 5 integrally formed with, front side **190a**, thereby functioning to preclude contact amongst the club heads of each "wedge-type" golf club and putter club stored within rack **190**. Specifically, divider **232** is preferably positioned between clasps **212** and **214**, divider **234** is 10 preferably positioned between clasps **214** and **220**, divider **236** is preferably positioned between clasps **220** and **216**, and divider **238** is preferably positioned between clasps **216** and **218**, thereby separating each club/putter head from one another, and preventing harmful or damaging contact amongst 15 same.

Preferably, and as best illustrated in **FIGS. 2-2B**, third rack **190** is pivotally connected to top side **24a** of base member **24** of housing **20** via bearing hinge **240**, 20 preferably extending from top side **24a** of base member **24**, proximal to base tray **112** of second rack **110**, to rear side **190b** of third rack **190**, proximate bottom edge **190e** thereof. Preferably, and as more fully described below, the opening

of bag 10, in conjunction with the weight of the golf clubs and putter carried by third rack 190, assist in promoting the gravitational falling and forwardly, limited angular displacement of third rack 190.

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Specifically, the gravitational falling and angular displacement of third rack 190 is preferably limited via pivot hinges 187 and 189, or the like, extending from sides 190f and 190g, respectively, of third rack 190 to front 10 inner edges 22e and 22f of upright member 22 of housing 20.

Preferably, pivot hinges 187 and 189 limit the gravitational falling and angular displacement of third rack 190 to an approximately 60 degree angle relative to top surface 24a of base member 24 of housing 20; however, 15 other suitable limited angular displacements or angles could be utilized to manipulate the forwardly angled presentation of third rack 190 and the "wedge-type" golf clubs and putter club removably retained thereby.

20 The forward gravitational falling and angular displacement of third rack 190 is further preferably limited upon contact of bottom edge 190e of third rack 190 with top surface 24a of base member 24, and via a

relatively large storage compartment **250** removably affixed to forward side **190a** of third rack **190**, proximal the edges of sides **190f** and **190g** thereof, as more fully described below. Additionally, it should be recognized that the 5 forward gravitational falling and pivoting of second rack **110** may assist in pushing against third rack **190**, and thus, promote the gravitational falling or pivoting of same into a forwardly angled position.

10 As such, the collective forward gravitational falling and pivoting of second rack **110** and third rack **190**, preferably functions to present each golf club placed within racks **60**, **110** and **190** of bag **10** in an organized, spaced-apart, inverted arrangement for ease of removal and 15 replacement of same.

It should be recognized that pivot hinges **186** and **188** of second rack **110**, and pivot hinges **187** and **189** of third rack **190**, when in an extended position (i.e., when second 20 rack **110** and third rack **190** are forwardly angularly displaced), should be sufficiently frictional or tensioned to resist retracting when a previously removed golf club is subsequently replaced and snapped into a respective rack,

thereby providing single-handed removal and replacement of golf clubs therein. However, it should be recognized that the combined weight of the clubs within racks **110** and **190**, as well as storage compartment **250**, functionally assist in 5 maintaining racks **110** and **190** in a forward, angled position when a previously removed golf club is subsequently replaced and snapped therein (i.e., resist being pushed back into a recessed, upright or non-angled position). It is contemplated that pivot hinges **186**, **187**, **188** and **189** 10 could possess releasable locking mechanisms that lock each pivot hinge **186**, **187**, **188** and **189** into an extended position, wherein pivot hinges **186**, **187**, **188** and **189** could then be subsequently retracted upon release of the locking mechanisms thereof.

15

Preferably, storage compartment **250** is removably affixed or securable to forward side **190a** of third rack **190**, proximal the edges of sides **190f** and **190g** thereof, via hook-and-loop fasteners **251**; however, clasps, clips, 20 zippers, snap-buttons, straps, ties, buckles, or the like, could also be utilized. Storage compartment **250** is removably fastened and disposed on forward side **190a** of third rack **190** in such a manner so as to not obstruct

access to tray **192** of third rack **190**. Storage compartment **250** is preferably a multi-compartment zippered bag for storing golf balls, tees, gloves, towels, and other golf and/or personal accessories. It is further contemplated that storage compartment **250** could be either a soft cover or hard cover bag. It is still further contemplated that at least a portion of storage compartment **250** could be a food cooler.

10 Referring now more specifically to **FIG. 2A**, adjustable "hook-shaped" bracket **260** is preferably disposed within channel **270** vertically formed on exterior wall **22b** of upright member **22**, wherein bracket **260** preferably facilitates engagement of golf bag **10** to horizontal bars formed on the rear chassis of conventional golf carts. Specifically, sides **262a** and **262b** of first end **262** of bracket **260** preferably comprise cylindrical-shaped dowels or protrusions **261a** and **261b**, respectively, that preferably slidably engage opposing grooves **270a** and **270b**, respectively, formed within channel **270**, thereby facilitating the vertical "riding" or slidable adjustment of bracket **270** therewithin. First end **262** of bracket **260** further preferably comprises a ribbed outer surface **263**

adapted to interlock with ribs **271** formed along the length of channel **270**. To facilitate tensioned adjustment and locking of bracket **260** with channel **270**, bracket **260** is preferably internally spring-biased, wherein inward depression of bracket **260** via hooked-shaped second end **264** preferably releases ribbed surface **263** of first end **262** from interlocked engagement with ribs **271** of channel **270**, thereby permitting the vertical adjustment of bracket **260** therewithin. Upon adjusting bracket **260** to a desired height, bracket **260** is released; springfully urging ribbed surface **263** thereof back into interlocking engagement with ribs **271** of channel **270**, wherein bag **10** may then be secured to a horizontal bars formed on the rear chassis of conventional golf carts via hook-shaped second end **264** of bracket **260**. Bracket **260** is preferably adjustable within channel **270** from heights of approximately **31** inches to approximately **36** inches from bottom side **24b** of base member **24** so as to accommodate all current makes and models of golf carts. Additionally, to facilitate the secured engagement of bag **10** to the rear of the golf cart, groove or notch **280** is preferably formed on bottom side **24b** of base member **24**, proximal lower forward edge **24c** thereof, wherein notch **280** is preferably dimensioned to engage an

outer-most ridge or wall of a conventional golf bag storage area formed on most golf carts. Such a configuration preferably permits bag 10 to extend beyond the rear of the golf cart and provide free frontal access to the contents 5 thereof.

Preferably disposed on lower portion 21 of exterior wall 22a of upright member 22, proximal base member 24, is rear mounted wheel assembly 290 comprising wheels 292 and 10 294 that sit preferably approximately 1 inch from the earthen ground/surface when bottom side 24b of base member 24 is seated substantially flush with therewith. Preferably, wheels 292 and 294 become operative upon tilting bag 10 beyond an approximately 65 degree angle, 15 relative to the ground, via handle 300 integrally formed with upper portion 23 of exterior wall 22a of upright member 22. Although wheels 292 and 294 preferably sit approximately 1 inch from the ground, it is contemplated that wheels 292 and 294 may be positioned at a greater or 20 lesser height therefrom so as to accordingly manipulated the tilting angle of bag 10 required to operate wheels 292 and 294. It is further contemplated that wheels 292 and 294 could be positioned so as to sit flush and/or extend

beyond bottom side **24b** of base member **24** when bottom side **24b** is seated substantially flush with the ground, wherein such an embodiment could further incorporate wheel locks to prevent inadvertent movement or rolling of bag **10**.

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Referring now more specifically to FIGS. 3-3B, to shield or cover the interior of bag **10**, and to protect the golf clubs retained therein, soft, front cover **320** preferably extends from, and is affixed along the entirety 10 of front peripheral edge **22p** of upright member **22**, and along the upper peripheral edge **24p** of base member **24**. Preferably, zipper mechanism **322** centrally and vertically disposed on cover **320** provides access to the contents of golf bag **10**, wherein "opening" or downwardly unzipping 15 zipper mechanism **322** separates cover **320** into closure flaps **324** and **326**. As described above, unzipping zipper mechanism **322** of cover **320** preferably results in gravitational falling and pivotal displacement of storage compartment **250**, and racks **110** and **190**, thereby presenting 20 the golf clubs retained therein, as well as the golf clubs retained in rearwardly-disposed first rack **60**. Inner surfaces **324a** and **326a** of closure flaps **324** and **326**, respectively, preferably comprises a plurality of pockets

and/or storage compartments **328**, each accessible upon "peeling" back each closure flap **324** and **326**, and fastening same to exterior wall **22b** of upright member **22** via cooperative hook-and-loop fasteners **330** carried by closure flap **324** and **326** and exterior wall **22b**; although other suitable fastening mechanisms could be utilized, such as, for exemplary purposes only, straps, ties, buckle-and-strap assemblies, snap-buttons, clips, or the like.

10 It is contemplated in an alternate embodiment that cover **320** could be in the form of a hard-cover, and, as such, possess hard-cover closure flaps mechanically separable via buckles, latches or like, instead of zipper mechanism **322**.

15 Referring now more specifically to **FIGS. 4-5**, illustrated therein is an alternate embodiment of golf bag **10**, wherein the alternate embodiment of **FIGS. 4-5** is substantially equivalent in form and function to that of 20 the preferred embodiment detailed and illustrated in **FIGS. 1-3B** except as hereinafter specifically referenced. Specifically, the embodiment of **FIGS. 4-5** replaces pivotally-affixed third rack **190**, and removable storage

compartment 250 thereof, with detachable third rack 400, wherein rack 400 is securely and removably supported by pivotally-affixed support plate 450, adapted to removably secure a storage compartment thereto. Specifically, 5 similar to third rack 190, rack 400 includes retaining bar 210 with associated retaining clasps 212, 214, 216, 218 and 220, and base tray 192 with associated slots 194, 196, 198, and 200, as well as putter retaining tube 202 extending therefrom. However, in the present alternate embodiment, 10 retaining bar 210 and base tray 192 are secured to, and opposingly positioned on, central support bar 402. Formed at first end 402a of central support bar 402 is stake or spike 404, wherein second end 402b comprises handle 406 integrally formed therewith. Stake or spike 404 is 15 utilized to stake and secure detachable rack 400 into the earthen ground, thereby maintaining rack 400, and the golf clubs carried thereby, in an upright position, and off of wet or dew-covered grass, sand, or the like. Stake or spike 404 of rack 400 is received by open-ended retaining 20 pocket 452 integrally formed with rear side 450b of support plate 450, wherein complete recession of spike 404 within pocket 452 results in extension of spike 404 therethrough. As best illustrated in FIG. 5, handle 406 assists in

removing spike **404** from retaining pocket **452** of rack **450**, and, as such, rack **400** in its entirety from golf bag **10**, thereby permitting the transport of same, as well as the "wedge-type" golf clubs and putter club removably retained thereby. Front side **450a** of support plate **450** is adapted to removably secure storage compartment **250** thereto via hook-and-loop fasteners **251**, or the like. Additionally, similar to third rack **190**, support plate **450** is pivotally connected to top side **24a** of base member **24** of housing **20** via bearing hinge **240**, extending from top side **24a** of base member **24**, proximal to base tray **112** of second rack **110**, to rear side **250b** of support plate **450**, proximate bottom edge **450e** thereof. As such, the opening of bag **10**, in conjunction with the weight of the golf clubs and putter carried by rack **400**, assist in promoting the gravitational falling and forwardly, limited angular displacement of third rack **400**, support rack **450** and storage compartment **250**.

Referring now more specifically to **FIG. 6**, illustrated therein is an alternate embodiment of golf bag **10**, wherein the alternate embodiment of **FIG. 6** is substantially equivalent in form and function to that of the preferred

embodiment detailed and illustrated in **FIGS. 1-3B** except as hereinafter specifically referenced. Specifically, the embodiment of **FIG. 6** replaces soft closure flaps **324** and **326** with closure flaps **524** and **526**, wherein closure flaps **524** and **526** comprise a plurality of tensioned ribs so as to facilitate the tensioned closing and opening of same. It is contemplated in such an embodiment that pivot arms **550** and **552**, or other connecting arms or devices, would extend from second rack **110**, and subsequently each branch off into a plurality of tensioned ribs **540**, wherein ribs **540** would be attached to the front edges of closure flaps **524** and **526**. Unzipping of zipper mechanism **555** tensionally urges closure flaps **524** and **526** into an open and completely folded-back position, thereby facilitating the outward pushing and gravitational falling of second rack **110** and third rack **190**. The uptake or retraction of second rack **110** and third rack **190** is facilitated via the tensioned closing of closure flap **524** and **526**.

Referring now more specifically to **FIG. 7**, illustrated therein is an alternate embodiment of golf bag **10**, wherein the alternate embodiment of **FIG. 7** is substantially equivalent in form and function to that of the preferred

embodiment detailed and illustrated in **FIGS. 1-3B** except as hereinafter specifically referenced. Specifically, the embodiment of **FIG. 7** replaces soft closure flaps **324** and **326** with accordion-like or pleated closure flaps **624** and **626**, wherein closure flaps **624** and **626** comprise internal 5 ribbing to facilitate the pleated extension and retraction of each closure flaps **624** and **626**.

Referring now more specifically to **FIG. 8**, illustrated 10 therein is an alternate embodiment of golf bag **10**, wherein the alternate embodiment of **FIG. 8** is substantially equivalent in form and function to that of the preferred embodiment detailed and illustrated in **FIGS. 1-3B** except as hereinafter specifically referenced. Specifically, 15 adjustable bracket **260** is replaced via adjustable strap assembly **700**, wherein strap assembly **700** functions as both a handle, and further facilitates engagement of golf bag **10** to horizontal bars formed on the rear chassis of conventional golf carts. That is, conventional soft-body 20 golf bags often include a plurality of interiorly and/or exteriorly disposed structural support spines to impart a desired rigidity to the golf bag, wherein such spines are also located on the rear of the golf bag. Additionally,

many such conventional golf bags often include a plurality of rings disposed on the rear side thereof, wherein such rings are utilized to carry towels, hats, or the like. Furthermore, conventional golf bags incorporate a

5 rearwardly disposed tote handle to facilitate carriage of the golf bag, wherein such a handle is often disposed between two rearwardly disposed support spines. As such, the present alternate embodiment contemplates replacing the conventional tote handle of available soft-body golf bags

10 with strap assembly 700. Specifically, strap assembly 700 utilizes rear support spines **S1** and **S2** on rear side **RS** of soft-body golf bag **SB**, wherein an adjustable slide bar 702 is slidably engaged therewith via throughholes 704 and 706 formed therethrough; it should be recognized that although

15 spines **S1** and **S2** are illustrated as generally cylindrically-shaped support spines, support spines of other shapes could be equipped with slide bar 702, wherein throughholes 704 and 706 thereof would be suitable shaped to facilitate slidable engagement therewith. Extending

20 from slide bar 702 is strap 708, wherein strap 708 comprises hook portion 710a and loop portion 710b of hook-and-loop fastener 710. Threading hook-and-loop fastener 710 through conventional ring **R**, and thereafter engaging

hook portion **710a** with loop portion **710b** forms a functional handle in which to tote or carry golf bag **SB**. Disengaging hook portion **710a** from loop portion **710b** releases strap **708** from ring **R**, and allows slide bar **702** to slidably travel 5 through the lengths of spine **S1** and **S2**. As such, strap **708** may be looped around a horizontal bar formed on the rear chassis of conventional golf carts, and hook portion **710a** and loop portion **710b** refastened to secure golf bag **SB** thereto, wherein notch **280** of base member **24** may also 10 engage an outer-most ridge or wall of the golf bag storage area as describe above. It should be recognized that slide bar **702** could be modified to adapt to only one spine or, alternatively, more than two spines of a golf bag. It should further be recognized that strap assembly **700** could 15 be adapted to golf bag **10** upon manufacturing golf bag **10** with a "soft" upright member **22** and/or exterior wall **22b** having a plurality of support spines disposed therethroughout. It is contemplated that hook-and-loop fastener **710** could be replaced via any other suitable 20 releasably fastenable mechanisms, such as, for exemplary purposes only, snap-buttons, buckles, and the like.

It is contemplated in still another alternate embodiment that housing **20** could utilize a single closure flap having a side-disposed zipper mechanism or the like.

5 In yet another alternate embodiment, it is contemplated that the recessed inner wall **22a** and/or exterior wall **22b** of housing **20** could incorporate an extendable rain/debris cover adapted to shield bag **10**, in either an opened or closed state, from the harsh elements
10 of weather, sand, or other debris.

Although the retaining clasps described above are preferably utilized to securely and removably engage a portion of each club shaft just aft of each club head, it
15 is contemplated in an alternate embodiment that other suitable retaining mechanisms could be utilized, such as for exemplary purposes only, latches, clips, clamps, straps, straps of hook-and-loop fastener, ties, hooks, spring-loaded retaining pins, and/or the like.

20

It is further contemplated in an alternate embodiment that the base trays of each rack **60**, **110** and **190** could be replaced with retaining clasps, each dimensioned and

adapted to securely and removably engage the handle portion of a golf club.

Although the gravitational falling and angular displacement of second rack **110** and third rack **190** is preferably controlled/limited via pivot hinges, it is contemplated in an alternate embodiment that other suitable pivotally limiting devices could be utilized, such as, for exemplary purposes only, straps, elastic straps, ropes, springs, fabric sections, hydraulic devices, pneumatic devices, or the like.

It is further contemplated in an alternate embodiment that the base trays of each rack **60**, **110** and **190** could be replaced with latches, clips, clamps, straps, straps of hook-and-loop fastener, ties, hooks, spring-loaded retaining pins, and/or the like, for securely and removably engaging the handle portions of golf clubs.

It is contemplated in still another alternate embodiment that racks **60**, **110** and **190** could each be selectively removable and/or pivotable.

It is contemplated in still a further alternate embodiment that, if desired, golf bag 10 could be manufactured so that racks 60, 110, 190 and 400 comprise long, tubular retaining slots or structures to house each 5 golf club, wherein such tubular retaining slots could be incorporated either in conjunction with or in replacement of the retaining clasps described herein.

Having thus described exemplary embodiments of the 10 present invention, it should be noted by those skilled in the art that the within disclosures are exemplary only, and that various other alternatives, adaptations, and modifications may be made within the scope of the present invention. Accordingly, the present invention is not 15 limited to the specific embodiments illustrated herein, but is limited only by the following claims.